

Detailed Facility Report

Facility Summary

**HUNTSMAN ADVANCED MATERIALS
AMERICAS, LLC.
4917 DAWN AVE, EAST LANSING, MI
48823**

FRS (Facility Registry Service) ID:

110000408121

EPA Region: 05

Latitude: 42.72497

Longitude: -84.4512

Locational Data Source: TRIS

Industry:

Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	1	01/30/2020	No Violation Identified	0	0	--	--	--	--	--
RCRA	1	06/29/2020	No Violation Identified	2	0	--	--	--	--	--

Regulatory Information

Other Regulatory Reports

Clean Air Act (CAA):
Operating Synthetic Minor
(MI00000000000A1571)
Clean Water Act (CWA): No
Information
Resource Conservation and
Recovery Act (RCRA):
Active LQG
(MID067352989)
Safe Drinking Water Act
(SDWA): No Information

Air Emissions Inventory (EIS): 9552811
Greenhouse Gas Emissions (eGGRT): No
Information
Toxic Releases (TRI):
48823CBGGY4917D
Compliance and Emissions Data Reporting
Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000408121					N	42.72497	-84.4512
ICIS		21921					N		
ICIS-Air	CAA	MI00000000000A1571	Synthetic Minor Emissions	Operating	CAAFESOP, CAANSR, CAASIP		N	42.7254	-84.4512
EIS	CAA	9552811					N	42.7254	-84.4512
TRI	EP313	48823CBGGY4917D	Toxics Release Inventory	Last Reported for 2019			N	42.72497	-84.4512
RCRAInfo	RCRA	MID067352989	LQG	Active (H)			N	42.725088	-84.451208
TSCA	TSCA	200000940					N		
TSCA	TSCA	200000959					N		
TSCA	TSCA	200004354					N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000408121	HUNTSMAN ADVANCED MATERIALS AMERICAS, LLC.	4917 DAWN AVE, EAST LANSING, MI 48823	Ingham County
ICIS		21921	VANTICO INCORPORATED	4917 DAWN AVENUE, EAST LANSING, MI 48823	Ingham County
ICIS-Air	CAA	MI0000000000A1571	HUNTSMAN ADVANCED MATERIALS AMERICAS, LLC.	4917 DAWN AVE, EAST LANSING, MI 48823	Ingham County
EIS	CAA	9552811	HUNTSMAN ADVANCED MATERIALS AMERICAS, LLC.	4917 DAWN AVE, EAST LANSING, MI 48823	Ingham County
TRI	EP313	48823CBGGY4917D	HUNTSMAN ADVANCED MATERIALS	4917 DAWN AVE, EAST LANSING, MI 48823	Ingham County
RCRAInfo	RCRA	MID067352989	HUNTSMAN ADVANCED MATERIALS AMERICAS LLC	4917 DAWN AVE, EAST LANSING, MI 48823	Ingham County
TSCA	TSCA	200000940	CIBA-GEIGY CORPORATION	4917 DAWN AVENE, E. LANSING, INGHAM, MI 48823	
TSCA	TSCA	200000959	CIBA SPECIALTY CHEMICALS CORPORATION	4917 DAWN AVENUE, EAST LANSING, MI 48823	
TSCA	TSCA	200004354	VANTICO, INC.	4917 DAWN AVENUE, EAST LANSING, MI 48823	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	48823CBGGY4917D	2821	Plastics Materials And Resins
TRI	48823CBGGY4917D	3079	Legacy Docket Conv

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	48823CBGGY4917D	325211	Plastics Material and Resin Manufacturing
EIS	9552811	325211	Plastics Material and Resin Manufacturing
ICIS-Air	MI0000000000A1571	325211	Plastics Material and Resin Manufacturing
RCRAInfo	MID067352989	325211	Plastics Material and Resin Manufacturing

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	MI0000000000A1571	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	01/30/2020	
CAA	MI0000000000A1571	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	12/12/2019	
RCRA	MID067352989	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	06/29/2020	Violations Or Compliance Issues Were Found

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	MI0000000000A1571	No	08/14/2021	0	08/13/2021
RCRA	MID067352989	No	08/14/2021	2	08/13/2021

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: MI0000000000A1571)					10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: MID067352989)		10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	Violation	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation		Agency											
RCRA	273.B: Universal Waste - Small Quantity Handlers		MI						06/29/2020	07/09/2020				

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
RCRA	RCRAInfo	MID067352989	Compliance Communication Letter	State	07/09/2020

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No		Yes	1-Hour Ozone (1979)
Lead	No		No	
Particulate Matter	No		No	
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

Air Pollutant Report

TRI Pollution Prevention Report

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
48823CBGGY4917D	2019	0		0			0	3,347
48823CBGGY4917D	2018	10		0			10	10,970
48823CBGGY4917D	2017	10	0	0			10	16,215
48823CBGGY4917D	2016	10		0			10	8,689
48823CBGGY4917D	2015	10		0			10	5,914
48823CBGGY4917D	2014	10		0			10	8,416
48823CBGGY4917D	2013	10		0			10	9,898
48823CBGGY4917D	2012	10		0			10	9,510
48823CBGGY4917D	2011	10		0			10	7,095
48823CBGGY4917D	2010	10		0			10	6,172

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
4,4'-Methylenedi(phenyl isocyanate)										
Aluminum (fume or dust)										
Di(2-ethylhexyl) phthalate										
Dibutyl phthalate										
Diisocyanates	3,347	10,980	16,225	8,699	5,924	8,426	9,908	9,520	7,105	6,182
Mercury compounds										
Zinc compounds										

Community

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	74.6
Ozone	76.7
NATA Diesel PM	70.6
NATA Air Toxics Cancer Risk	74.4
NATA Respiratory Hazard Index (HI)	70.8
Traffic Proximity	87.8
Lead Paint Indicator	65.9
National Priority List (NPL) Site Proximity	83.5
Risk Management Plan (RMP) Site Proximity	65.8
Hazardous Waste Proximity	80.9
Wastewater Discharge Proximity	81.6

Number of EJ Indexes Above 80th Percentile
4

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2014 - 2018 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons (U.S. Census)	71,431
Population Density	2,546/sq.mi.
Percent Minority	23%
Households in Area	24,345
Housing Units in Area	26,944
Total Persons (ACS (American Community Survey))	73,642
Households on Public Assistance	243
Persons With Low Income	23,888
Percent With Low Income	42%

Geography	
Radius of Selected Area	3 mi.
Center Latitude	42.72485
Center Longitude	-84.4512
Land Area	99%
Water Area	1%

Income Breakdown - Households (%)	
Less than \$15,000	4,454 (18.29%)
\$15,000 - \$25,000	2,629 (10.8%)
\$25,000 - \$50,000	4,600 (18.89%)
\$50,000 - \$75,000	3,297 (13.54%)
Greater than \$75,000	9,369 (38.48%)

Age Breakdown - Persons (%)	
Children 5 years and younger	2,249 (3%)
Minors 17 years and younger	8,564 (12%)
Adults 18 years and older	62,866 (88%)
Seniors 65 years and older	6,452 (9%)

Race Breakdown - Persons (%)	
White	56,182 (79%)
African-American	4,221 (6%)
Hispanic-Origin	2,579 (4%)
Asian/Pacific Islander	7,981 (11%)
American Indian	245 (0%)
Other/Multiracial	2,801 (4%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	317 (1.02%)
9th through 12th Grade	639 (2.06%)
High School Diploma	2,647 (8.55%)
Some College/2-year	5,804 (18.75%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	21,546 (69.61%)